The Orbital Classroom

AMSAT

Educational Overview

CubeSat Workshop

Cal Poly, San Luis Obispo

27-29 April 2006
AMSAT is a non-profit volunteer organization which designs, builds and operates experimental satellites and promotes space education. We work in partnership with government, industry, educational institutions and fellow amateur radio societies. We encourage technical and scientific innovation, and promote the training and development of skilled satellite and ground system designers and operators.
The Orbital Classroom

AMSAT's Educational Initiatives

- OSCAR
- SAREX
- ARISS
- CubeSats
- Publications
- Conferences
- Curricula
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• OSCAR

Australis OSCAR 5
University of Melbourne
Launched 1970
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• SAREX

Owen Garriott, W5LFL
STS-9
December 1983
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- ARISS

Susan Helms, KC7NHZ, Aboard the ISS
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• CUBESATS
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• PUBLICATIONS
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• CONFERENCES

Space Day at NASM
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CURRICULA

AMSAT EDUCATOR'S SURVEY

All AMSAT members currently or formerly involved in training and education are encouraged to complete this survey form, to assist the Director of Education in assessing resources and capabilities available to accomplish AMSAT's educational mission. Qualified individuals returning this survey will be designated official AMSAT Educators and invited to participate in various upcoming educational initiatives.

NAME: ___________________________ CALL: ___________________________ EMAIL: ___________________________

ADDRESS: ___________________________ MEMBER #: ___________________________ CITY: ___________________________

STATE/PROV: ___________________________ ZIP: ___________________________

PLEASE CHECK ALL THAT APPLY:

EDUCATIONAL POSITION:
- Classroom teacher
- College Professor
- School Administrator
- Curriculum Developer
- School Librarian
- Industrial Trainer
- Instructional Support
- Parent / Monitor
- Other

GRADE LEVEL:
- Primary / Elementary
- Junior High / Middle School
- High School / VocTech
- Junior College / Community College
- Undergraduate University
- Graduate University
- Other

TYPE OF INSTITUTION:
- Public
- Private
- Charter
- Magnet
- Parochial
- Home School
- Government / Military
- Business / Industry
- Other

SUBJECTS TAUGHT:
- Math
- Social Studies
- Physical Science
- Social Science
- Language Arts
- Fine Arts
- Other

PLEASE ANSWER THE FOLLOWING QUESTIONS BASED UPON YOUR PRESENT OR PAST EXPERIENCES. YOU MAY ATTACH SUPPLEMENTAL INFORMATION AS DESIRED.

Have you any experience with using satellites or space technology in the classroom? Please elaborate.

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Have you developed curriculum or lesson modules incorporating satellites or space technology? If so, please provide details.

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Do you anticipate incorporating satellites or space technology into your teaching in the future? Specify.

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ARE YOU INTERESTED IN:
- Developing such materials and resources
- Sharing such materials and resources
- Receiving such materials and resources
- Other

COMMENTS:

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PLEASE RETURN COMPLETED SURVEY TO:

Dr. H. Paul Shuch, N6TX, AMSAT Director of Education
121 Florence Drive
Cogan Station PA 17728 USA (n6tx@amsat.org)
The Orbital Classroom

• CONTACT:

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